Supplementary Table 1: Frequency of sexual activity in lockdown compared with 2019 by gender, age, sexuality and relationship status

	N	No sex now & no sex in 2019	Less sex compared with 2019	Same amount of sex as 2019	More sex than in 2019	l *
	N	n (%)	n (%)	n (%)	n (%)	p value*
Overall	883	77 (8.7)	472 (53.5)	208 (23.6)	126 (14.3)	N/A
Gender						
Male	214	21 (9.8)	127 (59.4)	40 (18.7)	26 (12.2)	0.23
Female	629	51 (8.1)	322 (51.2)	160 (25.4)	96 (15.3)	
Gender diverse†	39	5 (12.8)	22 (56.4)	8 (20.5)	4 (10.3)	
Age						
18-29 years	578	51 (8.8)	324 (56.1)	111 (19.2)	92 (15.9)	< 0.01
30+ years	300	25 (8.3)	144 (48.0)	97 (32.3)	34 (11.3)	
Sexual identity ‡						
Heterosexual/straight	572	53 (9.3)	289 (50.5)	149 (26.1)	81 (14.2)	< 0.01
MSM	80	5 (6.3)	56 (70.0)	14 (17.5)	5 (6.3)	
WSW	195	10 (5.1)	110 (56.4)	38 (19.5)	37 (19.0)	
Other	34	8 (23.5)	16 (47.1)	7 (20.6)	3 (8.8)	
Relationship status§						
In a relationship and cohabiting	321	5 (1.6)	108 (33.6)	146 (45.5)	62 (19.3)	<0.01
In a relationship, not cohabiting	221	10 (4.5)	129 (58.4)	43 (19.5)	39 (17.7)	
Single	307	62 (20.2)	212 (69.1)	12 (3.9)	21 (6.8)	
Other	31	0 (0.0)	21 (67.7)	6 (19.4)	4 (12.9)	

^{*}Chi Square p value; † gender diverse includes trans and non-binary; ‡ MSM=men who have sex with men (including bisexual men); WSW=women who have sex with women (including bisexual women); Other=asexual and non-binary, and those who selected 'something else'; § 'In a relationship'= married/de facto/boyfriend/girlfriend/LAT (living apart together) or long distance relationship; 'cohabiting'=living with partner/s; Single=single/divorced/widowed (and did not select another relationship); Other=polyamorous or multiple partners (and did not select another relationship option, such as single), and those who indicated in comments that they were casually dating, but not exclusive.

Supplementary Table 2: Type of sex partner/s in lockdown compared with 2019 by gender, age, sexuality and relationship status

	Spouse/partner				Girlfriend/boyfr	iend	Casual hook up			
	2019 n/N* (%)	Lockdown n/N* (%)	Diff % (95%CI)	2019 n/N* (%)	Lockdown n/N* (%)	Diff % (95%CI)	2019 n/N* (%)	Lockdown n/N* (%)	Diff % (95%CI)	
Overall	290/822	225/540	6.4	371/822	226/540	-3.3	256/822	42/540	-23.4	
	(35.3)	(41.7)	(3.6, 9.2)	(45.1)	(41.8)	(-7.0, -0.4)	(31.4)	(7.8)	(-26.9, -19.8)	
Gender	< 7.12. 0.0	404400		02/200	121100	• •	0.1.10.00	12/100		
Male	65/200	49/109	12.4	83/200	42/109	-3.0	81/200	12/109	-29.5	
	(32.5)	(44.9)	(5.3, 19.6)	(41.5)	(38.5)	(-11.3, 5.4)	(40.5)	(11.0)	(-37.2, -21.8)	
Female	207/589	162/407	4.6	274/589	177/407	-3.0	162/589	27/407	-20.9	
	(35.1)	(39.8)	(1.6, 7.7)	(46.5)	(43.5)	(-7.3, 1.3)	(27.5)	(6.6)	(-24.9, -16.8)	
Gender diverse†	18/33	14/24	3.8	14/33	7/24	-13.3	13/33	3/24	-26.9	
	(54.5)	(58.3)	(-13.7, 21.3)	(42.4)	(29.2)	(-29.6, 3.1)	(39.4)	(12.5)	(-47.4, -6.4)	
Age										
18-29	111/531	89/338	5.4	305/531	186/338	-2.4	188/531	31/338	-26.2	
	(20.9)	(26.3)	(2.3, 8.6)	(57.4)	(55.0)	(-7.3, 2.5)	(35.4)	(9.2)	(-31.0, -21.5)	
30+	176/287	135/200	6.2	65/287	39/200	-3.1	68/287	11/200	-18.2	
	(61.3)	(67.5)	(1.3, 11.1)	(22.6)	(19.5)	(-8.4, 2.1)	(26.7)	(5.5)	(-23.2, -13.1)	
Sexual identity‡										
Heterosexual	199/532	158/354	7.2	231/532	139/354	-4.2	129/532	23/354	-17.8	
	(37.4)	(44.6)	(3.8, 10.6)	(43.4)	(39.3)	(-8.4, 0.6)	(24.2)	(6.5)	(-21.8, -13.7)	
MSM	15/73	7/33	0.7	29/73	17/33	11.8	42/73	7/33	-36.3	
	(20.6)	(21.2)	(-12.4, 13.8)	(39.7)	(52.5)	(-4.9, 28.5)	(57.5)	(21.2)	(-52.5, -20.2)	
WSW	58/183	46/129	4.0	97/183	63/129	-4.2	72/183	9/129	-32.4	
	(31.7)	(35.7)	(-1.4, 9.4)	(53.0)	(48.8)	(-13.2, 5.9)	(39.3)	(7.0)	(-40.4, -24.3)	
Other	18/34	14/24	5.4	14/34	7/24	-12.0	13/34	3/24	-25.7	
	(52.9)	(58.3)	(-12.2, 22.9)	(41.2)	(29.2)	(-28.3, 4.3)	(38.32)	(12.5)	(-46.0, -5.5)	
Relationship status§	` ,	, ,			, ,			, ,	, , ,	
In a relationship and cohabiting	222/327	193/285	-0.2	106/327	95/285	0.9	35/327	3/285	-9.7	
	(67.9)	(67.7)	(-2.7, 2.4)	(32.4)	(33.3)	(-2.4, 4.2)	(10.7)	(1.1)	(-12.9, -6.4)	
In a relationship, not cohabiting	37/215	20/141	-3.0	163/215	115/141	5.7	58/215	4/141	-24.1	
	(17.2)	(14.2)	(-7.9, 1.9)	(75.8)	(81.6)	(-1.3, 12.8)	(27.0)	(2.8)	(-30.7, -17.6)	
Single	20/243	2/89	-6.0	85/243	8/89	-26.0	146/243	32/89	-24.1	
	(8.2)	(2.3)	(-10.3, -1.7)	(35.0)	(9.0)	(-34.6, -17.4)	(60.1)	(36.0)	(-35.7, -12.6)	
Other	10/35	9/24	8.9	16/35	8/24	-12.4	17/35	3/24	-36.1	
	(28.6)	(37.5)	(-9.0, 26.8)	(45.7)	(33.3)	(-34.8, 10.1)	(48.6)	(12.5)	(-59.0, -13.1)	

Diff= difference in proportions, 2019-lockdown. Calculated from logistic regression model; *N=number of people reporting sex during the time period and answering the question; † gender diverse includes trans and non-binary; ‡ MSM=men who have sex with men (including bisexual men), WSW=women who have sex with women (including bisexual women), Other=asexual and non-binary, and those who selected 'something else'; § 'In a relationship'= married/de facto/boyfriend/girlfriend/LAT (living apart together) or long distance relationship; 'cohabiting'=living with partner/s; Single=single/divorced/widowed (and did not select another relationship); Other=polyamorous or multiple partners (and did not select another relationship option, such as single), and those who indicated in comments that they were casually dating, but not exclusive

Supplementary Table 3: Odds ratios for the association of lockdown versus 2019 with app use by characteristics of survey participants

Characteristic	OR (95%CI)*	P value for interaction †
Gender		0.51
Male	0.6 (0.5, 0.8)	
Female	0.5 (0.4, 0.6)	
Other	0.6 (0.3, 1.1)	
Age		0.18
18-29 years	0.5 (0.4, 0.6)	
30+years	0.6 (0.5, 0.8)	
Sexual identity;		0.07
Heterosexual	0.6 (0.5, 0.7)	
MSM	0.4 (0.3, 0.6)	
WSW	0.3 (0.2, 0.4)	
Other	0.7 (0.4, 1.4)	
Relationship status§		<0.01
In a relationship and cohabitating	0.3 (0.2, 0.4)	
In a relationship but not cohabitating	0.2 (0.1, 0.3)	
Single	0.8 (0.6, 1.0)	
Other	0.4 (0.2, 0.9)	

^{*}Odds ratio for the association between lockdown (versus 2019) and dating app use stratified by different values of the characteristics. † P value from the likelihood ratio test comparing the logistic regression model with and without the interaction between each characteristic and time period (lockdown versus 2019). ‡ MSM=men who have sex with men (including bisexual men); WSW=women who have sex with women (including bisexual women); Other=asexual and non-binary, and those who selected 'something else'. § 'In a relationship' includes those who selected married/de facto/boyfriend/girlfriend/LAT (living apart together) or long distance relationship; 'cohabiting' defined as living with partner/s; Single includes those who selected single/divorced/widowed (and did not select another relationship); Other includes people who selected polyamorous or multiple partners (and did not select another relationship option, such as single), and those who indicated in comments that they were casually dating, but not exclusive.

Supplementary Table 4: Use of dating apps in lockdown compared with 2019 by participant gender, age, sexual identity and relationship status

Chatting/texting

Organising face-to-face dates

Organising virtual dates

	Chatting/texting			Organ	ising face-to-fa	ce dates	Organising virtual dates			
	2019 n/N* (%)	2020 n/N* (%)	Diff* (95%CI)	2019 n/N* (%)	2020 n/N* (%)	Diff* (95%CI)	2019 n/N* (%)	2020 n/N* (%)	Diff* (95%CI)	
Overall	352/392	242/256	4.7	271/392	41/256	-53.1	10/392(44/256	14.6	
	(89.8)	(94.5)	(1.0, 8.5)	(69.1)	(16.0)	(-59.0, -47.2)	(2.6)	(17.2)	(10.1, 19.2)	
Gender										
Male	98/111	77/84	3.4	63/111	10/84	-44.9	4/111	14/84	13.1	
	(88.3)	(91.7)	(-3.6, 10.4)	(56.8)	(11.9)	(-55.0, -34.7)	(3.6)	(16.7)	(5.1, 21.0)	
Female	240/264	155/159	6.6	196/264	27/159	-57.3	5/264	26/159	14.5	
	(90.9)	(97.5)	(2.5, 10.6)	(74.2)	(17.0)	(-64.5, -50.0)	(1.9)	(16.4)	(8.7, 20.2)	
Gender diverse†	14/17 (82.4)	10/13 (76.9)	-5.4 (-36.3, 25.4)	12/17 (70.6)	4/13 (30.8)	-39.8 (-78.4, -1.2)	1/17 (5.9)	4/13 (30.8)	24.9 (1.3, 48.5)	
Age										
18-29	274/299	181/191	3.1	202/299	32/191	-50.8	8/299	30/191	13.0	
	(91.6)	(94.8)	(-1.2, 7.4)	(67.6)	(16.8)	(-57.7, -44.0)	(2.7)	(15.7)	(7.8, 18.2)	
30+	78/93	61/65	10.0	69/93	9/65	-60.3	2/93	14/65	19.4	
	(83.9)	(93.8)	(2.3, 17.6)	(74.2)	(13.8)	(-71.8, -48.9)	(2.2)	(21.5)	(9.9, 28.8)	
Sexual identity‡										
Heterosexual	190/212	141/148	5.6	148/212	27/148	-51.6	4/212	21/148	12.3	
	(89.6)	(95.3)	(0.6, 10.7)	(69.8)	(18.2)	(-59.3, -43.8)	(1.9)	(14.2)	(6.7, 17.9)	
MSM	54/59	38/40	3.5	34/59	2/40	-52.6	2/59	5/40	9.1	
	(91.5)	(95.0)	(-2.6, 9.5)	(57.6)	(5.0)	(-66.1, -39.1)	(3.4)	(12.5)	(-0.9, 19.1)	
WSW	97/107	53/55	5.7	79/107	8/55	-59.3	3/107	14/55	22.7	
	(90.7)	(96.4)	(-1.0, 12.4)	(73.8)	(14.5)	(-71.4, -47.2)	(2.8)	(25.5)	(10.9, 34.4)	
Other	11/14	9/12	-3.6	10/14	4/12	-38.1	1/14	4/12	26.2	
	(78.6)	(75.0)	(-38.6, 31.4)	(71.4)	(33.3)	(-79.3, 3.1)	(7.1)	(33.3)	(0.5, 51.9)	
Relationship status§										
In a relationship and cohabiting	58/69 (84.1)	22/23 (95.7)	11.6 (1.5, 21.7)	41/69 (59.4)	0/23 (0.0)	N/A	2/69 (2.9)	4/23 (17.4)	14.5 (-0.6, 29.6)	
In a relationship, not cohabiting	76/86	16/20	-8.4	63/86	3/20	-58.3	2/86	1/20	2.7	
	(88.4)	(80.0)	(-25.3, 8.5)	(73.3)	(15.0)	(-75.7, -40.7)	(2.3)	(5.0)	(-7.5, 12.9)	
Single	198/213 (93.0)	188/196 (96.0)	3.0 (-1.3, 7.2)	148/213 (69.5)	33/196 (16.8)	-52.6 (-59.8, -45.5)	5/213 (2.4)	33/196 (16.8)	14.5 (9.3, 19.7)	
Other	20/24 (83.3)	16/17 (94.1)	1.8 (-8.7, 30.2)	19/24 (79.2)	5/17 (29.4)	-49.7 (-81.1, -18.4)	1/24 (4.2)	6/17 (35.3)	31.1 (9.3, 52.9)	

Supplementary Table 4 continued: Use of dating apps in lockdown compared with 2019 by participant gender, age, sexual identity and relationship status

	Organising face-to face-hook-ups			Sexting			Swapping pictures and videos		
	2019	2020	Diff	2019	2020	Diff	2019	2020	Diff
	n/N* (%)	n/N*(%)	(95%CI)	n/N* (%)	n/N* (%)	(95%CI)	n/N* (%)	n/N* (%)	(95%CI)
Overall	183/392	38/256	-31.8	125/392	83/256	0.5	113/392	78/256	1.6
	(46.7)	(14.8)	(-37.8, -25.9)	(31.9)	(32.4)	(-5.1, 6.2)	(28.8)	(30.5)	(-3.5, 6.9)
Gender									
Male	68/111	17/84	-41.0	48/111	37/84	0.8	53/111	37/84	-3.7
	(61.3)	(20.2)	(-52.2, -29.9)	(43.2)	(44.0)	(-10.0, 11.6)	(47.7)	(44.0)	(-13.7, 5.7)
Female	103/264	18/159	-27.7	70/264	39/159	-2.0	55/264	36/159	1.8
	(39.0)	(11.3)	(-34.7, -20.7)	(26.5)	(24.5)	(-8.6, 4.6)	(20.8)	(22.6)	(-4.5, 8.1)
Gender diverse†	12/17	3/13	-47.5	7/17	7/13	12.7	5/17	5/13	9.0
	(70.6)	(23.1)	(-80.9, -14.2)	(41.2)	(53.9)	(-13.5, 38.9)	(29.4)	(38.5)	(-11.3, 29.4)
Age									
18-29	134/299	29/191	-29.6	94/299	62/191	1.0	73/299	56/191	4.9
	(44.8)	(15.2)	(-36.7, -22.6)	(31.4)	(32.5)	(-5.6, 7.7)	(24.4)	(29.3)	(-1.2, 11.0)
30+	49/93	9/65	-38.8	31/93	21/65	-1.0	40/93	22/65	-9.2
	(52.7)	(13.8)	(-50.2, -27.5)	(33.3)	(32.3)	(-11.9, 9.8)	(43.0)	(33.8)	(-19.1, 0.8)
Sexual identity‡									
Heterosexual	80/212	22/148	-22.9	51/212	35/148	-0.4	41/212	33/148	3.0
	(37.7)	(14.9)	(-30.4, -15.3)	(24.1)	(23.6)	(-7.2, 6.3)	(19.3)	(22.3)	(-3.3, 9.3)
MSM	48/59	7/40	-63.9	37/59	24/40	-2.7	42/59	25/40	-8.7
	(81.4)	(17.5)	(-79.1, -48.6)	(62.7)	(60.0)	(-19.7, 14.3)	(71.2)	(62.5)	(-21.9, 4.5)
WSW	47/107	6/55	-33.0	34/107	19/55	2.8	28/107	17/55	4.7
	(43.9)	(10.9)	(-44.9, -21.1)	(31.8)	(34.5)	(-9.7, 15.2)	(26.2)	(30.9)	(-7.3, 16.8)
Other	8/14	3/12	-32.1	3/14	5/12	20.2	2/14	3/12	10.7
	(57.1)	(25.0)	(-68.4, 4.1)	(21.4)	(41.7)	(-7.6, 48.1)	(14.3)	(25.0)	(-7.1, 28.5)
Relationship status§									
In a relationship and cohabiting	33/69	2/23	-39.1	21/69	9/23	8.7	24/69	10/23	8.7
	(47.8)	(8.7)	(-54.5, -23.7)	(30.4)	(39.1)	(-11.1, 28.5)	(34.8)	(43.5)	(-10.2, 27.6)
In a relationship, not cohabiting	26/86	4/20	-10.2	19/86	7/20	12.9	16/86	4/20	1.4
	(30.2)	(20.0)	(-28.3, 7.9)	(22.1)	(35.0)	(-8.0, 33.8)	(18.6)	(20.0)	(-15.6, 18.4)
Single	111/213	28/196	-37.8	76/213	62/196	-4.0	66/213	61/196	0.1
	(52.1)	(14.3)	(-45.3, -30.3)	(35.7)	(31.6)	(-10.5, 2.4)	(31.0)	(31.1)	(-5.8, 6.1)
Other	13/24	4/17	-30.6	9/24	5/17	-8.1	7/24	3/17	-11.5
	(54.2)	(23.5)	(-56.9, -4.4)	(37.5)	(29.4)	(-33.6, 17.4)	(29.2)	(17.6)	(-33.0, 10.0)

Diff = difference in proportions, lockdown-2019. Calculated from logistic regression model; *N=number of people reporting sex during the time period and answering the question; †gender diverse includes trans and non-binary; ‡MSM=men who have sex with men (including bisexual men); WSW=women who have sex with women (including bisexual women); Other=asexual and non-binary, and those who selected 'something else' § 'In a relationship'= married/de facto/boyfriend/girlfriend/LAT (living apart together) or long distance relationship; 'cohabiting'=living with partner/s; Single=single/divorced/widowed (and did not select another relationship); Other=polyamorous or multiple partners (and did not select another relationship option, such as single), and those who indicated in comments that they were casually dating, but not exclusive.